

REMARKS

All of the original claims 1-3 have been cancelled, and replaced with claims 4-22 to ensure that the Applicant sets forth with particularity what the Applicant regards as his invention.

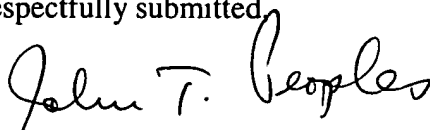
The Summary of the Invention has been replaced to be commensurate with the replacement claims.

The Abstract of the Disclosure has been replaced so as to describe the contents of the application with specificity.

Typographical errors on page 13 relating to Figure numbers have been amended to secure correspondence between the Figures and the specification.

Finally, various typographical errors in the specification have been corrected.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Page 13, line 1 has been amended as follows: --FIG. ~~22B~~21B depicts a (1 2 3) permutation on an 8×8 exchange;--

Page 13, line 2 has been amended as follows: --FIG. ~~22C~~21C depicts a (3 1) permutation on an 8×8 exchange;--

Page 13, line 3 has been amended as follows: --FIG. ~~22D~~21D depicts a combined (1 4)(2 3) permutation on an 8×8 exchange;--

Page 195, replace line 13 as follows: --possible number of 1-bound signals to the 1-output group. For a 2b-to-b concentrator is--.

Page 195, replace line 17 as follows: --concentrator is-composed of interconnected routing cells meets this criterion perfectly for --.

Page 196, replace line 4 as follows: --banyan-type network. The 2b-to-b concentrator is-composed of interconnected routing--.

Page 196, replace line 15 as follows: --concentrator is-composed of interconnected routing cells can be substituted by a 2b-to-b--.

Page 196, replace line 16 as follows: --concentrator is-composed of interconnected 0-1 sorting cells. The same applies throughout--.

Page 197, replace line 10 as follows: --a 2b-to-b concentrator is-composed of interconnected routing cells. The hybrid network--.

Page 197, replace line 13 as follows: --of routing cells, and the in-band control signals of a packet changes only between--.

Page 198, replace line 5 as follows: --for $1 \leq j \leq n$, and the in-band control signal to a concentrator in the j^{th} super-stage is $1d_{j(0)}$ --.

Page 200, replace line 8 as follows: --A concentrator is composed of interconnected routing cells is a--.